

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

Completed by: D. Brian Ballard, P.E.

GENERAL INFORMATION:

Name:	KY MATES
Address:	Bldg #9687 North Wilson Road Fort Knox, KY 40121
Date application received:	9/24/2007
SIC Code/SIC description:	9711, National Security
Source ID:	21-093-00097
Agency Interest:	97911
Activity:	APE20070001
Permit:	F-07-051

APPLICATION TYPE/PERMIT ACTIVITY:

<input checked="" type="checkbox"/> Initial issuance	<input type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input checked="" type="checkbox"/> Conditional major
__Administrative	<input type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input type="checkbox"/> Operating
<input type="checkbox"/> Permit renewal	<input checked="" type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:001, 1(116)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☒ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☐ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

EMISSIONS SUMMARY:

Pollutant	Actual (tpy)	Potential (tpy)	Allowable (tpy)
PM/PM ₁₀	0	2.2	N/A
SO ₂	0	5.0	N/A
NO _x	0	0.2	N/A
CO	0	0.5	N/A
VOC	0	141	50
Single HAPs			
1,6-Hexamethylene Diisocyanate	0	0.03	N/A
Chromium Compounds	0	0.03	N/A
Cobalt Compounds	0	0.005	N/A
Ethyl Benzene	0	0.5	N/A
Hexane	0	0.02	N/A
Lead	0	0.003	N/A
Methyl Isobutyl Ketone	0	11	9
Nickel Compounds	0	0.002	N/A
Toluene	0	6	N/A
Xylenes	0	2	N/A
Source wide HAPs	0	20	22.5

SOURCE DESCRIPTION:

The Kentucky Maneuver Area Training Equipment Site (MATES) is a National Guard maintenance activity that receives, stores, secures, maintains and issues major rolling-stock items of military equipment. The emission sources are a paint booth (including dryer), water blast booth (for paint stripping), parts washers, used oil/residual oil fired space heaters, aerosol touch-up painting, paint mixing and cleaning of spray guns. The intended use of the facilities will be the surface coating preparation and painting of military vehicles for the Kentucky Army National Guard (KYARNG).

EMISSIONS AND OPERATING CAPS DESCRIPTIONS:

The source has applied for federally enforceable emissions caps of 9 tons for individual HAP, 22.5 tons for combined HAP and 50 tons for VOC. The averaging time for the emission limits will be per 12 consecutive month period.

OPERATIONAL FLEXIBILITY:

N/A